

Serial No. 10/822,656

NIT-132-07

IN THE CLAIMS

1-43 (Canceled).

44. (Previously Presented) An optical unit, comprising:
a first array lens for condensing lights emitted from a light source, thereby forming a plural number of secondary light source images;

a second array lens, being disposed in vicinity of said plural number of secondary light source images, for forming a lens image of said first array lens;

a separation portion for separating the light from either one of said light source and second array lens into P-polarized light and S-polarized light; and

a polarized light conversion portion for changing a direction of polarization of either one of the P-polarized light and S-polarized light emitted from said separation portion, wherein said first array lens, said second array lens and said separation portion are disposed so that optical axes thereof lie nearly on one straight line.

45. (Previously Presented) The optical system, as defined in the claim 44, wherein, further said polarized light conversion portion is disposed, so that an optical axis

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thereof also lies nearly on the one straight line, with said first array lens, said second array lens and said separation portion.

46. (Previously Presented) The optical system, as defined in the claim 44, wherein, cells of said first array lens aligned horizontally or vertically by $(2b/a)$ lines thereof, where "a" is width of strip-like shadow of an electric wire of said light source, and "b" width of size in either one of vertical width and horizontal width of one cell of said first array lens.

47. (Previously Presented) The optical system, as defined in the claim 45, wherein,

cells of said first array lens aligned horizontally or vertically by $(2b/a)$ lines thereof, where "a" is width of strip-like shadow of an electric wire of said light source, and "b" width of size in either one of vertical width and horizontal width of one cell of said first array lens.

48. (Previously Presented) An image display apparatus, for forming an optical image depending upon an image signal, comprising:

an image display element; and

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a lighting optical system for irradiating a light therefrom upon said image display element, wherein,

said lighting optical system comprises:

a first array lens for condensing lights emitted from a light source, thereby forming a plural number of secondary light source images;

a second array lens, being disposed in vicinity of said plural number of secondary light source images, for forming a lens image of said first array lens;

a separation portion for separating the light from either one of said light source and said second array lens into P-polarized light and S-polarized light; and

a polarized light conversion portion for changing a direction of polarization of either one of the P-polarized light and S-polarized light emitted from said separation portion, wherein said first array lens, said second array lens and said separation portion are disposed so that optical axes thereof lie nearly on one straight line.

49. (Previously Presented) The image display apparatus, as defined in the claim 48, wherein, further said polarized light conversion portion is disposed, so that an optical axis thereof also lies nearly on the one straight line, with said first array lens, said second array lens and said separation portion.

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50. (Previously Presented) The image display apparatus, as defined in the claim 48, wherein, cells of said first array lens aligned horizontally or vertically by $(2b/a)$ lines thereof where "a" is width of strip-like shadow of an electric wire of said light source, and "b" width of size in either one of vertical width and horizontal width of one cell of said first array lens.

51. (Previously Presented) The image display apparatus, as defined in the claim 49, wherein, cells of said first array lens aligned horizontally or vertically by $(2b/a)$ lines thereof, where "a" is width of strip-like shadow of an electric wire of said light source, and "b" width of size in either one of vertical width and horizontal width of one cell of said first array lens.